

2000 Edition – Electronic Format

AIA Document G701 – 2000

Change Order

PROJECT:	KCB Water Quality Improvements Phase 1	CHANGE ORDER NUMBER:	003	OWNER <input checked="" type="checkbox"/>
(Name and address)	City of West Lafayette 609 W. Navajo Street West Lafayette, IN 47906	DATE:	June 13, 2012	ARCHITECT <input checked="" type="checkbox"/>
TO CONTRACTOR:	Atlas Excavating, Inc.	ARCHITECT'S PROJECT NUMBER:	7945.001	CONTRACTOR <input checked="" type="checkbox"/>
(Name and address)	4740 Swisher Road West Lafayette, IN 47906	CONTRACT DATE:	August 29, 2011	FIELD <input type="checkbox"/>

THE CONTRACT IS CHANGED AS FOLLOWS:

(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives.)

Item #1 – Removal of Neenah R-3701 hood/catch basin trap at storm structure #610	deduct	(\$301.00)
Item #2 – Agri-Drain change from 18" (\$1209.16 via CO#2) to 15" with Fernco couplers (\$525.00)	deduct	(\$684.16)
Item #3 – Extension and termination of unforeseen 6" concrete drain pipe	add	\$750.00
Item #4 – Time extension to December 6, 2011 (35 calendar days) resulting in liquidated damages (6 days @ \$500/day)	deduct	(\$3,000.00)
Item #5 – Credit for use of onsite materials for clay pond liner	deduct	(\$7,000.00)
Item #6 – Installation of 6" x 6" wood posts along Northwestern Ave. (PR#2 R1)	add	\$5,277.00
Item #7 – Unused line item #9 from Pay Application for "pipe remove, 6" undistributed"	deduct	(\$2,835.00)
Change Order #003 Total deduct (\$7,781.16)		

AUTHENTICATION OF THIS
ELECTRONICALLY
DRAFTED AIA DOCUMENT
MAY BE MADE BY USING
AIA DOCUMENT D401.

*Note: Please refer to supporting documentation attached

The original (Contract Sum) was	\$231,487.50
The net change by previously authorized Change Orders	\$2,327.16
The (Contract Sum) prior to this Change Order was	\$233,814.66
The (Contract Sum) will be (Decreased) by this Change Order in the amount of	\$7,781.16
The new (Contract Sum) including this Change Order will be	\$226,033.50
The Contract Time will be (Increased) by (35) calendar days	
The date of Substantial Completion as of the date of this Change Order therefore is (December 2, 2011).	

NOTE: This Change Order does not include changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have been authorized by Construction Change Directive for which the cost or time are in dispute as described in Subparagraph 7.3.8 of AIA Document A201.

Not valid until signed by the Architect, Contractor and Owner

The Schneider Corporation
ARCHITECT (Typed Name)

Atlas Excavating, Inc.
CONTRACTOR (Typed Name)

The City of West Lafayette
OWNER (Typed Name)



(Signature)

Joshua A. Nixon, P.E.
BY

June 13, 2012
DATE



(Signature)

Tina Dillon, President
BY

6/14/2012
DATE



(Signature)

BY

DATE



RFI #2

4740 Swisher Road
West Lafayette, IN 47908
Phone: 766-429-4800
Fax: 766-429-8034

To: The Schnelder Corporation West Lafayette, Indiana 47908	Date: September 8, 2011
Attn: Joshua Nixon	Project: KOB Water Quality Improvements
	Atlas #: K11-10

Subject: Catch Basin Trap STR 610

Joshua,


Sheet C803 Detail 7 calls for a Neenah R-3701 catch basin trap to be installed on the 21" ROP pipe. Neither Neenah nor East Jordan manufacture a trap this size. The largest size of trap is 16". Please advise how you would like to proceed with this.

Response:

THE REFERENCED R-3701 HOD CAN BE OMITTED FROM THE PROJECT SCOPE AT STR. # 610. PLEASE PROVIDE A CREDIT BACK TO THE OWNER FOR NOT INSTALLING THE HOD.

A CREDIT OF \$301 will be provided for OMITTING THE R-3701 FOR ~~STR~~ STR # 610

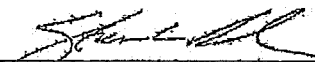
SWR 9/29/11


Schnelder Corporation

Copies To:

Sincerely,

By:


Steve Rich, Project Manager



Josh Nixon

From: Josh Nixon
Sent: Wednesday, October 05, 2011 1:34 PM
To: 'Michael Susong'
Cc: Shawn H. Strange; Brent White; Keith Stuerenberg; 'David Buck'; 'banderson@westlafayette.in.gov'
Subject: KCB - Agri-Drain Information update
Attachments: Agri Drain Fern Co Connections.pdf

Michael,

Later in the day on Monday, we received a call and the attached letter from Atlas. Apparently their supplier for the Agri-Drain products has now told them that there would be a significant lead time issue with the 18" AgriDrain structures that were needed to accept the 15" RCP pipe (as approved via CO#2). As outlined in the attached letter, another solution has been developed in which the originally specified 15" AgriDrain structures will work with a transition in pipe material outside the structure (small section of 15" HDPE then transitioning to 15" RCP). This will help maintain the project schedule and will also reduce cost compared to the originally proposed change to the 18" AgriDrain structures.

We feel that this is an adequate solution and also saves cost and time. We will process the Contractor's submittal accordingly. The reduction in cost will be captured on the next Change Order (#3).

Please call me if you have any questions and I can discuss further.

Thank you,
Josh



Joshua A. Nixon, P.E. | Engineering Department Manager
The Schneider Corporation | 1330 Win Hentschel Blvd., Suite 100, West Lafayette, IN 47906
(o) 765.237.5250 | (c) 765.479.3865
jnixon@schneidercorp.com | schneidercorp.com

Providing creative solutions for land, infrastructure and facilities projects that help increase revenue, lower costs and mitigate risk.

From: Michael Susong [<mailto:msusong@westlafayette.in.gov>]
Sent: Monday, October 03, 2011 9:13 AM
To: Elizabeth Golden; Josh Nixon
Cc: Steve
Subject: RE: KCB

BOW approved CO#2 at the meeting this morning.

From: Elizabeth Golden [<mailto:elizabethg@atlasexcavating.com>]
Sent: Friday, September 30, 2011 3:11 PM
To: Josh Nixon
Cc: Steve; Michael Susong
Subject: Re: KCB

FYI - I took it to the City Engineer's office as you requested. The nice ladies at the desk said they would give it to Michael.

Thanks,

Elizabeth Golden

Atlas Excavating, Inc.
Project Administrator
Phone: (765) 429-4800
Fax: (765) 429-8034

On Fri, Sep 30, 2011 at 2:39 PM, Josh Nixon <jnixon@schneidercorp.com> wrote:

Elizabeth,

No problem, thank you.

Also, I talked with Steve and the City has asked for signed versions of Change Order #2 by 3:00 pm today in order to get on the Board of Works agenda for Monday.

At this point, if you would like to take them directly to the City Engineer's office (Michael Susong) by 3pm, that would allow them to be on the agenda. If it's later than that, you can still bring them by here and we will get them to the City next week.

Thanks,

Josh

Joshua A. Nixon, P.E. | Engineering Department Manager

The Schneider Corporation | West Lafayette, IN

(o) [765.237.5250](tel:765.237.5250) | (c) [765.479.3865](tel:765.479.3865) | jnixon@schneidercorp.com

From: Elizabeth Golden [<mailto:elizabethg@atlasexcavating.com>]
Sent: Friday, September 30, 2011 2:05 PM
To: Josh Nixon
Cc: Steve
Subject: Re: KCB

Josh...Sorry! We just found the NOI that you sent to us previously. Please disregard my request below.
Thanks!

Elizabeth Golden
Atlas Excavating, Inc.
Project Administrator

Phone: (765) 429-4800

Fax: (765) 429-8034

On Fri, Sep 30, 2011 at 1:22 PM, Elizabeth Golden <elizabethg@atlasexcavating.com> wrote:

Josh,

Can you get me a copy of the Notice of Intent (NOI) for the above referenced project. We couldn't find it in the spec book.

Also - I did receive change order #1 & #2. I'll have Steve sign them and I will drop them by your office late this afternoon.

Thanks,

Elizabeth Golden
Atlas Excavating, Inc.
Project Administrator
Phone: (765) 429-4800
Fax: (765) 429-8034

Atlas Excavating, Inc.

4740 SWISHER RD., BUILDING A, WEST LAFAYETTE, IN 47906

PHONE	(765) 429-4800
FAX PROJ. MGMT.	(765) 429-8034
FAX ESTIMATING	(765) 429-6464
FAX FRONT DESK	(765) 429-5400

December 4, 2011

Joshua Nixon
The Schneider Corporation
1330 Win Hentschel Boulevard
Suite 100
West Lafayette, Indiana 47906
Fax: 765-448-6665

Reference: KCB Water Quality Improvements -Phase 1


Subject: 6" Field Tile Extension (Revised)

Mr. Nixon:

The purpose of this letter is to provide revised pricing for extending the (2) 6" concrete drains to drain into the north pond. Atlas previously submitting a price of \$1,200 for this work, however, it was revealed that one of the tiles was non functional and not perpetuated.

Atlas is submitting a revised price of \$750 for extending the one 6" tile to drain into the pond. Though the second was not extended, it was exposed, therefore, some time and effort was spent on it. Please let me know if you have any questions or concerns.

Respectfully,


Steve Rich
Project Manager
Atlas Excavating, Inc.

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The Ideal coupling for repairs, alterations or rehabilitation of large diameter sewer pipe. These couplings are made from flexible PVC and offer easy installation and leak free connections. They are engineered for use with all common sewer piping materials: clay, concrete, cast and ductile iron, AC, plastic or fiberglass.

LDC TECHNICAL SPECS

- Accommodates an O.D. difference of up to one inch*
- 12.7 inches wide
- 3/8 inch thick with multiple sealing ribs
- 2 - Series 300 (18-8) all stainless steel, extra strength (.040 in. thick) T-bolt clamps with multiple take up points
- Up to 150 in./lbs. of torque for greater sealing pressure

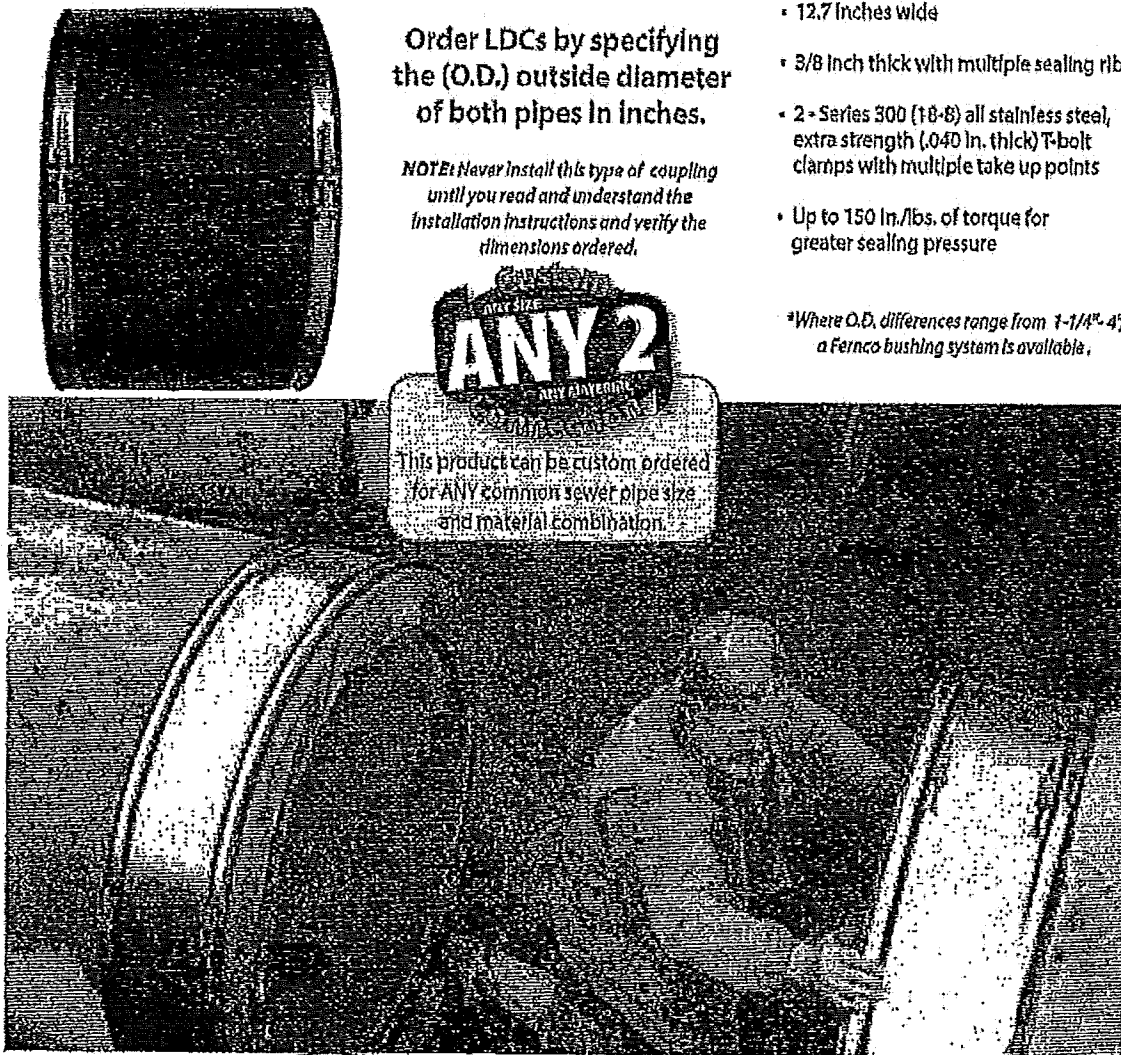
*Where O.D. differences range from 1-1/4" - 4", a Fernco bushing system is available.

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NOTE: Never install this type of coupling until you read and understand the installation instructions and verify the dimensions ordered.

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Atlas Excavating, Inc.

4740 SWISHER RD., BUILDING A, WEST LAFAYETTE, IN 47906

PHONE (765) 429-4800
FAX PROJ. MGMT. (765) 429-8034
FAX ESTIMATING (765) 429-6464
FAX FRONT DESK (765) 429-5400

October 3, 2011

Joshua Nixon
The Schneider Corporation
1330 Win Hentschel Boulevard
Suite 100
West Lafayette, Indiana 47906
Fax: 765-448-6665

Reference: KCB Water Quality Improvements -Phase 1


Subject: Agri Drain Fern Co Connections

Mr. Nixon:

I received a call this morning from our Agri Drain supplier indicating that the 18" structures will have a lead time of up to 3 weeks. This lead time is due to special inserts required to transition to the RCP. The structures cannot be built until Agri Drain has these inserts.

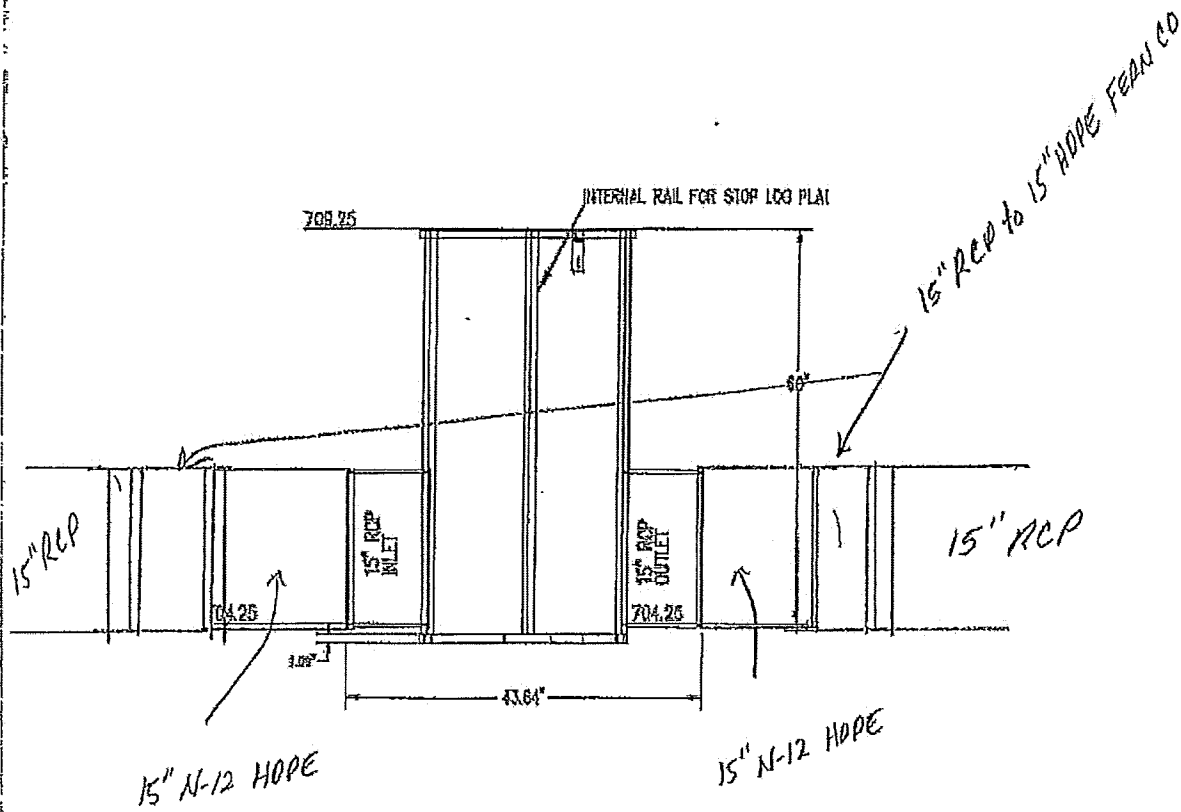
Agri Drain is now proposing an alternate solution which will allow for the original 15" structures to be used with the RCP pipe. This solution involves stubbing 15" N-12 HDPE pipe out of the structures and then transitioning to the 15" RCP pipe with flexible rubber couplings. Attached is a sketch of this installation, along with submittal information on the Fern Co couplers. The total additional cost of this approach will be \$525, which will be significantly less than upsizing the structures. Please let me know if this is acceptable. Delays to upsize the structures will certainly have an impact on project completion.

Respectfully,



Steve Rich
Project Manager
Atlas Excavating, Inc.

STR 602, 610 15" Agri Drain Structures



Atlas Excavating, Inc.

4740 SWISHER RD., BUILDING A, WEST LAFAYETTE, IN 47906

PHONE (765) 429-4800
FAX PROJ. MGMT. (765) 429-8034
FAX ESTIMATING (765) 429-6464
FAX FRONT DESK (765) 429-5400

January 23, 2012

Joshua Nixon
The Schneider Corporation
1330 Win Hentschel Boulevard
Suite 100
West Lafayette, Indiana 47906
Fax: 765-448-6665

Reference: KCB Water Quality Improvements --Phase 1


Subject: Request for Time Extension (Revised)































Mr. Nixon:

Atlas Excavating is requesting that the contract times for the KCB project be extended to reflect a substantial completion date of Dec. 2, 2011. Adverse weather conditions throughout the months of September, October, and November have significantly impacted Atlas's ability to complete the earthwork and pipe work within the ponds. Of the 63 work days during these months, 19 of these days had significant precipitation that impacted Atlas's production and schedule. That doesn't even account for rain events that prevented our crews from working for multiple days, once the ground was saturated and wet. Attached with this letter is a record of the precipitation during the months of Sept., Oct., and Nov. from the weather underground archives.

Please also note that Atlas requested 14 calendar days due to adverse weather on October 26, 2011. While Atlas worked diligently to complete the work in a timely manner, a portion of the grading and seeding could not be completed due to the wet conditions. Atlas requests that this work be considered warranty work which will be completed in the spring when conditions are favorable. Please let me know if you have any questions regarding this request.













Respectfully,


Steve Rich
Project Manager
Atlas Excavating, Inc.

« Previous Month	« 2010	September 2011					2012 »	Next Month »
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday		
				1  Actual: 97 73 Precip: 0.00 Average: 83 60 Precip: 0.09	2  Actual: 98 72 Precip: 0.00 Average: 82 60 Precip: 0.09	3  Actual: 97 68 Precip: 0.18 Average: 82 59 Precip: 0.08		
4  Actual: 76 58 Precip: 0.05 Average: 82 59 Precip: 0.05	5  Actual: 68 53 Precip: 0.00 Average: 82 59 Precip: 0.09	6  Actual: 68 47 Precip: 0.00 Average: 81 58 Precip: 0.09	7  Actual: 74 52 Precip: T Average: 81 58 Precip: 0.10	8  Actual: 65 57 Precip: 0.37 Average: 81 58 Precip: 0.09	9  Actual: 73 61 Precip: 0.18 Average: 81 57 Precip: 0.10	10  Actual: 75 58 Precip: 0.00 Average: 80 57 Precip: 0.09		
11  Actual: 81 56 Precip: 0.01 Average: 80 57 Precip: 0.09	12  Actual: 87 59 Precip: 0.00 Average: 80 58 Precip: 0.09	13  Actual: 87 60 Precip: 0.00 Average: 79 56 Precip: 0.10	14  Actual: 72 53 Precip: 0.27 Average: 79 55 Precip: 0.08	15  Actual: 64 42 Precip: 0.00 Average: 78 55 Precip: 0.09	16  Actual: 65 48 Precip: 0.00 Average: 78 54 Precip: 0.08	17  Actual: 72 53 Precip: T Average: 78 54 Precip: 0.08		
18  Actual: 71 56 Precip: 0.05 Average: 77 54 Precip: 0.08	19  Actual: 70 61 Precip: 0.72 Average: 77 53 Precip: 0.09	20  Actual: 78 54 Precip: 0.00 Average: 76 53 Precip: 0.08	21  Actual: 79 52 Precip: 0.00 Average: 76 52 Precip: 0.09	22  Actual: 70 50 Precip: 0.05 Average: 75 52 Precip: 0.09	23  Actual: 68 54 Precip: T Average: 75 51 Precip: 0.08	24  Actual: 64 52 Precip: 0.44 Average: 75 51 Precip: 0.09		
25  Actual: 63 54 Precip: 0.82 Average: 74 51 Precip: 0.09	26  Actual: 64 54 Precip: 0.09 Average: 74 50 Precip: 0.08	27  Actual: 57 54 Precip: 0.34 Average: 73 50 Precip: 0.09	28  Actual: 65 54 Precip: 0.15 Average: 73 49 Precip: 0.09	29  Actual: 78 48 Precip: 0.04 Average: 72 49 Precip: 0.09	30  Actual: 62 43 Precip: 0.01 Average: 72 49 Precip: 0.10			

Month Precipitation - Actual month total: 3.77 Normal month total: 2.66

Calendar Key

					
Sunny Clear	Mostly Sunny Partly Cloudy	Mostly Sunny Partly Cloudy	Cloudy	Rain	Snow
					
Hail Flurries	Thunderstorms	Hazy Fog	Sleet	denotes 'chance of'	Unknown

Actual: 90 58 Precip: 0.00 Average: 71 53 Precip: 0.03	Data Category Condition High Temp. Lo Temp. Precip. (in inches) Daily Avg. Temp. Temps in °F -60 -30 0 30 60 90 120
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Powered by Weather Underground, Inc.

1/11/12

History : Weather Underground

Precipitation: Actual month total 2.49 Normal month total 2.89

Print This Calendar
































« Previous Month

« 2010














October 2011

2012 »

Next Month »

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1 
						Actual: 60 38 Precip: T Average: 71 48 Precip: 0.10
2 	3 	4 	5 	6 	7 	8 
Actual: 68 34 Precip: 0.00 Average: 71 48 Precip: 0.10	Actual: 76 37 Precip: 0.00 Average: 70 47 Precip: 0.11	Actual: 78 41 Precip: 0.00 Average: 70 47 Precip: 0.10	Actual: 82 46 Precip: 0.00 Average: 70 47 Precip: 0.10	Actual: 83 49 Precip: 0.00 Average: 69 46 Precip: 0.09	Actual: 86 51 Precip: 0.00 Average: 69 46 Precip: 0.10	Actual: 84 51 Precip: 0.00 Average: 68 46 Precip: 0.10
9 	10 	11 	12 	13 	14 	15 
Actual: 83 52 Precip: 0.00 Average: 68 45 Precip: 0.10	Actual: 81 50 Precip: 0.00 Average: 67 45 Precip: 0.09	Actual: 83 50 Precip: 0.00 Average: 67 45 Precip: 0.09	Actual: 77 52 Precip: 0.00 Average: 67 44 Precip: 0.09	Actual: 65 55 Precip: 0.31 Average: 66 44 Precip: 0.09	Actual: 64 48 Precip: T Average: 66 44 Precip: 0.08	Actual: 64 45 Precip: 0.00 Average: 65 44 Precip: 0.09
16 	17 	18 	19 	20 	21 	22 
Actual: 69 46 Precip: 0.00 Average: 65 43 Precip: 0.08	Actual: 61 36 Precip: 0.05 Average: 66 43 Precip: 0.08	Actual: 48 45 Precip: 0.21 Average: 64 43 Precip: 0.10	Actual: 48 45 Precip: 1.26 Average: 64 43 Precip: 0.09	Actual: 47 42 Precip: 0.37 Average: 64 42 Precip: 0.09	Actual: 56 34 Precip: 0.00 Average: 63 42 Precip: 0.10	Actual: 66 30 Precip: 0.00 Average: 63 42 Precip: 0.09
23 	24 	25 	26 	27 	28 	29 
Actual: 70 43 Precip: T Average: 62 42 Precip: 0.09	Actual: 65 43 Precip: 0.05 Average: 62 41 Precip: 0.09	Actual: 76 42 Precip: 0.00 Average: 62 41 Precip: 0.09	Actual: 71 49 Precip: 0.12 Average: 61 41 Precip: 0.09	Actual: 51 35 Precip: 0.10 Average: 61 41 Precip: 0.10	Actual: 56 31 Precip: 0.00 Average: 60 40 Precip: 0.09	Actual: 58 32 Precip: 0.00 Average: 60 40 Precip: 0.10
30 	31 					
Actual: 61 29 Precip: T Average: 60 40 Precip: 0.09	Actual: 59 35 Precip: 0.02 Average: 59 40 Precip: 0.09					

Calendar Legend

													
Sunny Clear	Mostly Cloudy	Partly Sunny	Partly Cloudy Mostly	Cloudy	Rain	Snow	Hail	Thunderstorms	Sunny	Hazy Fog	Sleet	denotes chance	Unknown

Actual: 90 58	Data Category
Precip: 0.00	Condition
Average: 71 53	High Temp.
Precip: 0.03	Lo Temp.
	Precip. (in inches)
	Daily Avg. Temp.
	Temps in °F

Daily Observations

2011	Temp. (°F)			Dew Point (°F)			Humidity (%)			Sea Level Press. (in)			Visibility (mi)			Wind (mph)			Precip. (in)	Events
Oct	high	avg	low	high	avg	low	high	avg	low	high	avg	low	high	avg	low	high	avg	high	sum	
1	60	49	38	43	38	34	92	65	37	30.26	30.19	30.11	10	10	10	20	8	26	T	

1/11/12

History : Weather Underground

Precipitation: Actual month total 5.61 Normal month total 2.97

Print This Calendar






























« Previous Month

« 2010













November 2011

2012 »

Next Month »

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5
						
		Actual: 69 32 Precip: 0.00 Average: 59 39 Precip: 0.09	Actual: 70 49 Precip: 0.00 Average: 58 39 Precip: 0.09	Actual: 54 42 Precip: 0.26 Average: 58 39 Precip: 0.10	Actual: 55 36 Precip: 0.00 Average: 57 39 Precip: 0.09	Actual: 60 33 Precip: 0.00 Average: 57 38 Precip: 0.09
6	7	8	9	10	11	12
						
Actual: 64 42 Precip: 0.00 Average: 56 38 Precip: 0.09	Actual: 59 52 Precip: 0.35 Average: 56 38 Precip: 0.09	Actual: 71 54 Precip: 0.02 Average: 55 37 Precip: 0.09	Actual: 64 37 Precip: 0.29 Average: 55 37 Precip: 0.09	Actual: 42 31 Precip: 0.01 Average: 54 37 Precip: 0.09	Actual: 47 27 Precip: 0.00 Average: 54 36 Precip: 0.10	Actual: 63 41 Precip: 0.00 Average: 53 36 Precip: 0.10
13	14	15	16	17	18	19
						
Actual: 70 56 Precip: 0.02 Average: 53 36 Precip: 0.11	Actual: 72 46 Precip: 0.93 Average: 52 35 Precip: 0.12	Actual: 61 45 Precip: 0.00 Average: 52 35 Precip: 0.11	Actual: 54 36 Precip: 0.00 Average: 51 34 Precip: 0.10	Actual: 40 27 Precip: 0.00 Average: 51 34 Precip: 0.10	Actual: 51 27 Precip: 0.00 Average: 50 34 Precip: 0.10	Actual: 62 47 Precip: T Average: 50 33 Precip: 0.10
20	21	22	23	24	25	26
						
Actual: 62 41 Precip: 0.03 Average: 49 33 Precip: 0.10	Actual: 51 41 Precip: 0.01 Average: 48 32 Precip: 0.10	Actual: 45 43 Precip: 0.98 Average: 48 32 Precip: 0.11	Actual: 51 33 Precip: 0.01 Average: 47 32 Precip: 0.10	Actual: 48 39 Precip: 0.00 Average: 47 31 Precip: 0.11	Actual: 62 40 Precip: 0.00 Average: 46 31 Precip: 0.10	Actual: 66 52 Precip: 0.17 Average: 46 30 Precip: 0.10
27	28	29	30			
						
Actual: 58 40 Precip: 0.68 Average: 45 30 Precip: 0.10	Actual: 40 37 Precip: 0.20 Average: 45 29 Precip: 0.10	Actual: 39 33 Precip: 1.75 Average: 44 29 Precip: 0.10	Actual: 40 27 Precip: 0.00 Average: 44 29 Precip: 0.10			

Calendar Legend

					
Sunny Clear	Mostly Cloudy	Partly Cloudy	Cloudy	Rain	Snow
					
Hail	Thunderstorms	Sunny	Sleet	Unknown	Unknown

Actual: 90 58	Data Category
Precip: 0.00	Condition
Average: 71 53	High Temp.
Precip: 0.03	Low Temp.
	Precip. (in inches)
	Daily Avg. Temp.
	Temp. in °F

Daily Observations

2011	Temp. (°F)			Dew Point (°F)			Humidity (%)			Sea Level Press. (in)			Visibility (mi)			Wind (mph)			Precip. (in)	Events
Nov	high	avg	low	high	avg	low	high	avg	low	high	avg	low	high	avg	low	high	avg	high	sum	
1	69	51	32	39	35	30	92	62	31	30.23	30.17	30.12	10	9	6	14	5	20	0.00	
2	70	60	49	41	37	33	56	45	33	30.17	30.10	29.99	10	10	10	16	7	28	0.00	
3	54	48	42	46	43	38	86	71	55	30.07	29.93	29.86	10	7	2	20	8	26	0.26	Rain
4	55	46	36	43	35	29	85	66	46	30.30	30.21	30.08	10	10	10	14	9	20	0.00	
5	60	47	33	33	30	27	82	56	29	30.30	30.23	30.14	10	10	10	12	7	16	0.00	

Atlas Excavating, Inc.

4740 SWISHER RD., BUILDING A, WEST LAFAYETTE, IN 47906

PHONE	(765) 429-4800
FAX PROJ. MGMT.	(765) 429-8034
FAX ESTIMATING	(765) 429-6464
FAX FRONT DESK	(765) 429-6400

December 4, 2011

Joshua Nixon
The Schneider Corporation
1330 Win Hentschel Boulevard
Suite 100
West Lafayette, Indiana 47906
Fax: 765-448-6665

Reference: KCB Water Quality Improvements -Phase 1

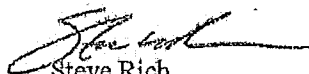
Subject: Request for Time Extension

Mr. Nixon:

The purpose of this letter is to request a contract time extension for the KCB project. Weather conditions continue to interfere with completion of the final grading, seeding, and tree placement. With the exception of these weather dependent items, the project is fully functional and can be used of its intended purpose, Atlas considers the project complete as of December 2, 2011 and requests that the contract time be extended to reflect this.

As for the remaining restoration items, Atlas requests that this work be considered warranty work that will have to be completed in the spring of 2012. With the current weather trend, it is unlikely that the work can be completed in a manner that will achieve acceptable results. Atlas will temporary seed any areas that have not been permanent seeded for the winter.

Respectfully,


Steve Rich
Project Manager
Atlas Excavating, Inc.

Atlas Excavating, Inc.

4740 SWISHER RD., BUILDING A, WEST LAFAYETTE, IN 47906

PHONE (765) 429-4800
FAX PROJ. MGMT. (765) 429-8034
FAX ESTIMATING (765) 429-6464
FAX FRONT DESK (765) 429-5400

October 26, 2011

K1110 *copy*
40

Joshua Nixon
The Schneider Corporation
1330 Win Hentschel Boulevard
Suite 100
West Lafayette, Indiana 47906
Fax: 765-448-6665

Reference: KCB Water Quality Improvements -Phase 1

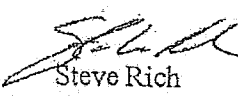
Subject: Request for Contract Time Extension

Mr. Nixon:

The purpose of this letter is to request a contract time extension due to adverse weather conditions on the above referenced project. Rain over the past two weeks has impacted Atlas's progress to complete the remaining earthwork and pipe installation.

Atlas is requesting that 14 calendar days be added to the contract completion dates to complete the remaining work. Atlas will continue to work diligently until all work has been completed.

Respectfully,


Steve Rich
Project Manager
Atlas Excavating, Inc.

Atlas Excavating, Inc.

4740 SWISHER RD., BUILDING A, WEST LAFAYETTE, IN 47906

PHONE	(765) 429-4800
FAX PROJ. MGMT.	(765) 429-8034
FAX ESTIMATING	(765) 429-6464
FAX FRONT DESK	(765) 429-5400

December 4, 2011

Joshua Nixon
The Schneider Corporation
1330 Win Hentschel Boulevard
Suite 100
West Lafayette, Indiana 47906
Fax: 765-448-6665

Reference: KCB Water Quality Improvements --Phase 1

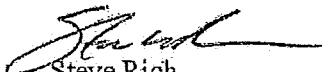
Subject: Request for Time Extension

Mr. Nixon:

The purpose of this letter is to request a contract time extension for the KCB project. Weather conditions continue to interfere with completion of the final grading, seeding, and tree placement. With the exception of these weather dependent items, the project is fully functional and can be used of its intended purpose, Atlas considers the project complete as of December 2, 2011 and requests that the contract time be extended to reflect this.

As for the remaining restoration items, Atlas requests that this work be considered warranty work that will have to be completed in the spring of 2012. With the current weather trend, it is unlikely that the work can be completed in a manner that will achieve acceptable results. Atlas will temporary seed any areas that have not been permanent seeded for the winter.

Respectfully,


Steve Rich
Project Manager
Atlas Excavating, Inc.



Transmittal Letter

4740 Swisher Road
West Lafayette, IN 47906
Phone: 765-429-4800
Fax: 765-429-8034

To: The Schneider Corporation
1330 Win Hentschel Blvd
Suite 100
West Lafayette, IN 47906

Date: November 9, 2011

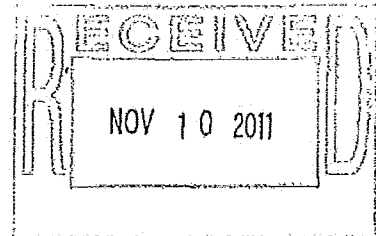
Attn: Joshua A. Nixon, P.E.

Project: KCB Water Quality Improvements – Phase 1
Atlas #: K11-10

We are transmitting the following to you:

- | | | | |
|---------------------------------|--|--|---|
| <input type="checkbox"/> FYI | <input type="checkbox"/> Shop Drawings | <input type="checkbox"/> Pay Estimate | <input type="checkbox"/> Target Billing |
| <input type="checkbox"/> Plans | <input type="checkbox"/> Contract | <input type="checkbox"/> Quote Request | <input type="checkbox"/> Submittals |
| <input type="checkbox"/> Letter | <input type="checkbox"/> Insurance Forms | <input type="checkbox"/> Certified Payroll | <input type="checkbox"/> Change Order Request |
| <input type="checkbox"/> Other | | | |

Item No.	Copies	Description/Remark
1	6	Submittal #13 – Pond Liner Test Results #015

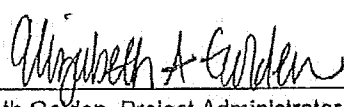


Remarks:

Copies To:

Sincerely,

By:


Elizabeth Golden, Project Administrator

Engineering Data Submittal Index

Description

Pond Liner Test Results



The Schneider Corporation
1330 Win Hentschel Blvd, Suite 100
West Lafayette IN 47906
765-448-6661

Log #	015
Project #	7945.001

Date: 11/11/11 Checked by: BAW/JAN
Reviewed Exceptions Noted No Exceptions Taken
Rejected ☒ Resubmit ☒ Other

This review is only for general conformance with the design concept of the project and general compliance with the information given in the Contract Documents. Corrections or comments made on the shop drawings during this review do not relieve contractor from compliance with the requirements of the plans and specifications. Approval of a specific item shall not include approval of an assembly of which the item is a component. Contractor is responsible for: dimensions to be confirmed and correlated at the job site; information that pertains solely to the fabrication processes or to the means, methods, techniques, sequences and procedures of construction; coordination of his or her Work with that of all other trades; and for performing all work in a safe and satisfactory manner.

1. Pond liner material is acceptable for south pond only.
2. North pond permeability is not acceptable.
3. Imported clay material is to be used for north pond per project's base bid.
4. Submit testing for imported clay material for engineer review.

Atlas Excavating Inc.
Engineering Data Submittal

KCB Water Quality Improvements –Phase 1

13. Description

Pond Liner Test Results

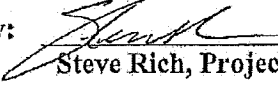
Project: KCB Water Quality Improvements –Phase 1

Description: Pond Liner Test Results

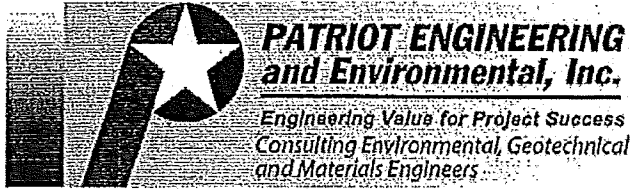
Area of Use: Pond

Date: November 9, 2011

****all correspondence approved to be in accordance w/contract documents except as noted**

Reviewed by: 
Steve Rich, Project Manager

KCB Water Quality Improvements
Phase 1
The Schneider Corp Job No: 7945.001
Atlas Job No: K11-10



November 9, 2011

Mr. Steve Rich
Atlas Excavating
4740 Swisher Road, Building A
West Lafayette, IN 47906

RE: KCB – West Lafayette
West Lafayette, Indiana
Patriot Project No. 6-11-1188

Dear Steve:

Submitted herewith are results of Hydraulic Conductivity testing (ASTM D5084) for the referenced project.

Two, six inch soil samples were collected in Shelby tubes below the waterline within the North and South ponds. The North Pond was 3.8E-06 CM/sec and the South pond was 9.2E-07 CM/sec. According to the specifications of 10-6 CM/sec the South pond meets the requirement and the North pond is slightly too fast. Details can be viewed on the attached report sheets.

Patriot recommends that the Engineer review these results and determine the acceptability of the ponds.

We appreciate the opportunity to be of service to you on this project. If you have any questions, please feel free to contact me.

Respectfully Submitted,
Patriot Engineering and Environmental, Inc.

John Frysinger
Branch Manager

580 North 36th Street, Suite B, Lafayette, Indiana 47905
(765) 447-4477 • (765) 447-4045 FAX • www.patrioteng.com

Offices in Indianapolis, Evansville, Fort Wayne, Lafayette, and Terre Haute, IN,
Louisville, KY, Dayton / Cincinnati, OH and Nashville, TN.


**PATRIOT ENGINEERING
and Environmental Inc.**

 Indianapolis, Terre Haute, Evansville, Fort Wayne,
Lafayette, Louisville KY, Dayton OH

**Measurement of Hydraulic
Conductivity**

ASTM D 5084

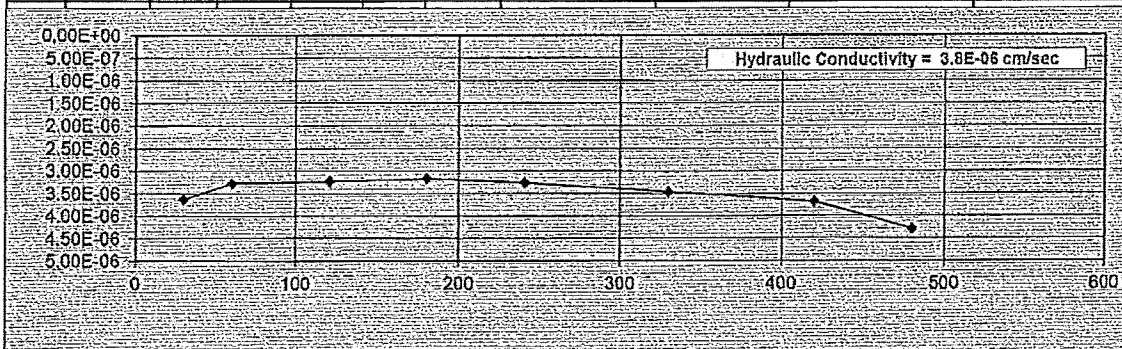
☒ Original ☐ Amended

Project Name:	KCB - West Lafayette	Client:	Atlas Excavating
Project Number:	06-11-1188	Client Address:	
Date Received:	10/26/2011	Sampled By:	John Frysinger
Date Tested:	10/28/2011	Tested By:	JP
Sample Number:	North Pond	Preparation:	Trimmed From Shelby Tube

Sample Data	Initial		Final		Test Conditions	
Height	3.807 in.	9.670 cm	3.804 in.	9.662 cm	Cell Pressure	39 psi
Diameter	2.830 in.	7.188 cm	2.850 in.	7.239 cm	Back Pressure	36 psi
Area	6.290 in. ²	40.58 cm ²	6.379 in. ²	41.16 cm ²	Effective Confining Pressure	3 psi
Volume	23.95 in. ³	392.4 cm ³	24.27 in. ³	397.7 cm ³	Skempton's β -Value	100.0%
Weight		936.47 g		938.0 g	Initial Gradient	25
Water Content		9.0%		9.8%	Final Gradient	1.5
Wet Unit Weight	149.0 pcf	2.39 g/cm ³	147.2 pcf	2.36 g/cm ³	Permeant Liquid	Deaired Tapwater
Dry Unit Weight	136.7 pcf	2.19 g/cm ³	134.1 pcf	2.15 g/cm ³	Final Degree of Saturation:	1.03

Initial Permeometer Readings: Pipette 20.2 cm, Annulus 1.7 cm

Elapsed Time			Pipette	Δ time	Temp.	ΔZ	C/at	(1- ΔZ p*T)	Hydraulic	Corrected k
Hours	Minutes	Sec.	Reading	cum.	(°C)	(cm)			Conductivity (k)	for 20°C
			(cm)	(sec.)					(cm/sec)	(cm/sec)
		15	18.3	15	23.0	1.9		0.894		
		30	16.9	30	23.0	3.3	1.91E-05	0.815	3.9E-06	3.6E-06
1			14.7	60	23.0	5.5	9.54E-06	0.691	3.5E-06	3.3E-06
2			11	120	23.0	9.2	4.77E-06	0.483	3.5E-06	3.2E-06
3			8.5	180	23.0	11.7	3.18E-06	0.342	3.4E-06	3.2E-06
4			6.5	240	23.0	13.7	2.38E-06	0.229	3.5E-06	3.3E-06
5	30		4.5	330	23.0	15.7	1.73E-06	0.117	3.7E-06	3.5E-06
7			3.4	420	23.0	16.8	1.36E-06	0.055	4.0E-06	3.7E-06
8			2.8	480	23.0	17.4	1.19E-06	0.021	4.6E-06	4.3E-06



Hydraulic Conductivity (Corrected to 20°C) Reported as: 3.8E-06 cm/sec = 3.8E-08 m/s


**PATRIOT ENGINEERING
and Environmental Inc.**

 Indianapolis, Terre Haute, Evansville, Fort Wayne,
Lafayette, Louisville KY, Dayton OH

**Measurement of Hydraulic
Conductivity**

ASTM D 5084

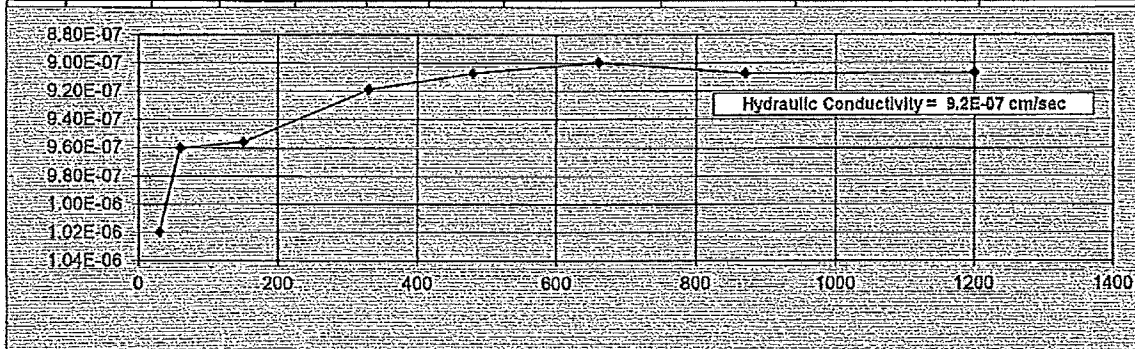
☒ Original ☐ Amended

Project Name:	KCB - West Lafayette	Client:	Atlas Excavating
Project Number:	06-11-1188	Client Address:	
Date Received:	10/26/2011	Sampled By:	John Frysinger
Date Tested:	10/31/2011	Tested By:	JP
Sample Number:	South Pond (ST-2)	Preparation:	Trimmed From Shelby Tube

Sample Data	Initial		Final		Test Conditions	
Height	2.754 in.	6.995 cm	2.753 in.	6.993 cm	Cell Pressure	39 psi
Diameter	2.860 in.	7.264 cm	2.860 in.	7.264 cm	Back Pressure	36 psi
Area	6.424 in. ²	41.45 cm ²	6.424 in. ²	41.45 cm ²	Effective Confining Pressure	3 psi
Volume	17.69 in. ³	289.9 cm ³	17.69 in. ³	289.8 cm ³	Skempton's β -Value	97.0%
Weight		656.55 g		663.9 g	Initial Gradient	25
Water Content		10.6%		11.8%	Final Gradient	2.4
Wet Unit Weight	141.4 pcf	2.26 g/cm ³	143.0 pcf	2.29 g/cm ³	Permeant Liquid	Deaired Tapwater
Dry Unit Weight	127.9 pcf	2.05 g/cm ³	127.9 pcf	2.05 g/cm ³	Final Degree of Saturation:	1.00

Initial Permeometer Readings: Pipette 15.1 cm, Annulus 1.7 cm

Elapsed Time			Pipette Reading	Δ time cum.	Temp.	ΔZ_p	C/ Δt	(1- ΔZ_p T)	Hydraulic Conductivity (k)	Corrected k for 20°C
Hours	Minutes	Sec.	(cm)	(sec.)	(°C)	(cm)			(cm/sec)	(cm/sec)
				0		15.1		-0.173		
		30	14.1	30	22.0	1.0	1.35E-05	0.924	1.1E-06	1.0E-06
	1		13.3	60	22.0	1.8	6.76E-06	0.862	1.0E-06	9.6E-07
	2	30	11.1	150	22.0	4.0	2.70E-06	0.691	1.0E-06	9.6E-07
	5	30	8.1	330	22.0	7.0	1.23E-06	0.457	9.6E-07	9.2E-07
	8		6.4	480	22.0	8.7	8.44E-07	0.325	9.5E-07	9.1E-07
	11		5	660	22.0	10.1	6.14E-07	0.216	9.4E-07	9.0E-07
	14	30	3.9	870	22.0	11.2	4.66E-07	0.130	9.5E-07	9.1E-07
	20		3	1200	22.0	12.1	3.38E-07	0.060	9.5E-07	9.1E-07



Hydraulic Conductivity (Corrected to 20°C) Reported as: 9.0E-07 cm/sec = 9.0E-09 m/s



Transmittal Letter

4740 Swisher Road
West Lafayette, IN 47906
Phone: 765-429-4800
Fax: 765-429-8034

To: The Schneider Corporation
1330 Win Hentschel Blvd
Suite 100
West Lafayette, IN 47906

Date: December 5, 2011

Attn: Joshua A. Nixon, P.E.

Project: KCB Water Quality Improvements – Phase 1
Atlas #: K11-10

We are transmitting the following to you:

- | | | | |
|---------------------------------|--|--|---|
| <input type="checkbox"/> FYI | <input type="checkbox"/> Shop Drawings | <input type="checkbox"/> Pay Estimate | <input type="checkbox"/> Target Billing |
| <input type="checkbox"/> Plans | <input type="checkbox"/> Contract | <input type="checkbox"/> Quote Request | <input type="checkbox"/> Submittals |
| <input type="checkbox"/> Letter | <input type="checkbox"/> Insurance Forms | <input type="checkbox"/> Certified Payroll | <input type="checkbox"/> Change Order Request |
| <input type="checkbox"/> Other | | | |

Item No.	Copies	Description/Remark
1	6	Submittal #13a- Pond Liner Test Results



The Schneider Corporation
1330 Win Hentschel Blvd, Suite 100
West Lafayette IN 47906
765-448-6661

Log #	01SR1
Project #	7945.001

Date: 12/06/11
Reviewed ☒ X
Rejected

Checked by: JAN
Exceptions Noted
Resubmit

No Exceptions Taken ☒ X
Other

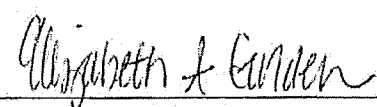
This review is only for general conformance with the design concept of the project and general compliance with the information given in the Contract Documents. Corrections or comments made on the shop drawings during this review do not relieve contractor from compliance with the requirements of the plans and specifications. Approval of a specific item shall not include approval of an assembly of which the item is a component. Contractor is responsible for: dimensions to be confirmed and correlated at the job site; information that pertains solely to the fabrication processes or to the means, methods, techniques, sequences and procedures of construction; coordination of his or her Work with that of all other trades; and for performing all work in a safe and satisfactory manner.

Remarks:

Copies To:

Sincerely,

By:


Elizabeth Golden, Project Administrator

Engineering Data Submittal Index

Description

Pond Liner Test Results

Atlas Excavating Inc.
Engineering Data Submittal

KCB Water Quality Improvements –Phase 1

13a. Description

Pond Liner Test Results

***Re-Submittal


Project: KCB Water Quality Improvements –Phase 1

Description: Pond Liner Test Results

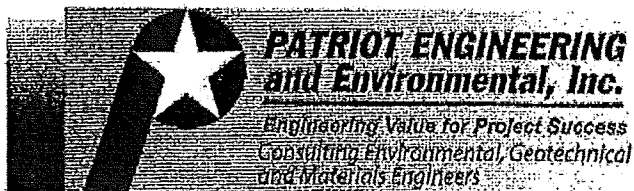
Area of Use: Pond

Date: December 4, 2011

****all correspondence approved to be in accordance w/contract documents except as noted**

Reviewed by: 
Steve Rich, Project Manager

KCB Water Quality Improvements
Phase 1
The Schneider Corp Job No: 7945.001
Atlas Job No: K11-10



November 30, 2011

Mr. Steve Rich
Atlas Excavating
4740 Swisher Road, Building A
West Lafayette, IN 47906

RE: KCB – West Lafayette
West Lafayette, Indiana
Patriot Project No. 6-11-1188

Dear Steve:

Submitted herewith are results of additional Hydraulic Conductivity testing (ASTM D5084) on the North pond for the referenced project.

Three additional six inch soil samples were collected in Shelby tubes below the waterline within the North pond. The results were $3.1E-08$ CM/Sec, $1.3E-07$ CM/Sec and $3.9E-08$ CM/Sec. According to the specifications of 10^{-6} CM/Sec these North pond samples meet the requirements. Details can be viewed on the attached report sheets and site picture.

Patriot recommends that the Engineer review these results and determine the acceptability of the ponds.

We appreciate the opportunity to be of service to you on this project. If you have any questions, please feel free to contact me.

Respectfully Submitted,
Patriot Engineering and Environmental, Inc.

John Frysinger
Branch Manager

580 North 36th Street, Suite B, Lafayette, Indiana 47905
(765) 447-4477 • (765) 447-4045 FAX • www.patrioteng.com

Offices in Indianapolis, Evansville, Fort Wayne, Lafayette, and Terre Haute, IN,
Louisville, KY, Dayton / Cincinnati, OH and Nashville, TN.


**PATRIOT ENGINEERING
and Environmental Inc.**

 Indianapolis, Terre Haute, Evansville, Fort Wayne,
Lafayette, Louisville KY, Dayton OH

**Measurement of Hydraulic
Conductivity**

ASTM D 5084

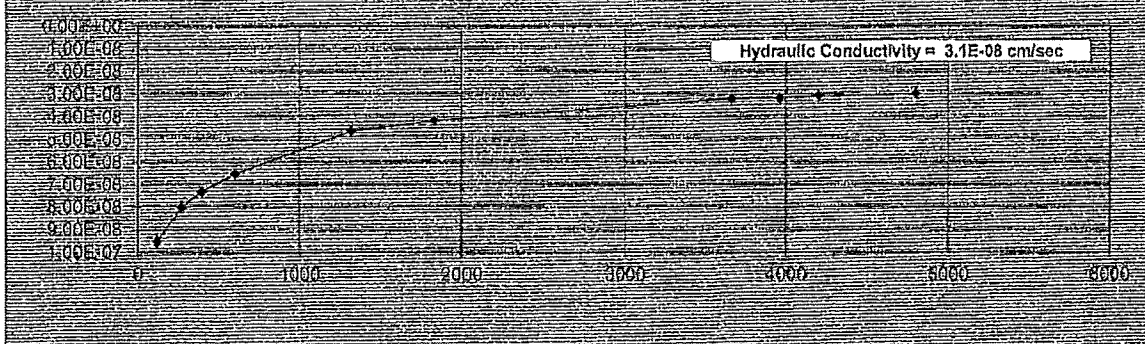
☒ Original ☐ Amended

Project Name:	KCB - West Lafayette	Client:	Atlas Excavating
Project Number:	06-11-1188	Client Address:	
Date Received:	11/15/2011	Sampled By:	John Frysinger
Date Tested:	11/29/2011	Tested By:	NF
Sample Number:	NW Area of North Pond	Preparation:	Trimmed From Shelby Tube

Sample Data	Initial		Final		Test Conditions	
Height	3.015 in.	7.658 cm	3.011 in.	7.648 cm	Cell Pressure	39.6 psi
Diameter	2.810 in.	7.137 cm	2.804 in.	7.122 cm	Back Pressure	36.6 psi
Area	6.202 in. ²	40.01 cm ²	6.175 in. ²	39.84 cm ²	Effective Confining Pressure	3 psi
Volume	18.70 in. ³	306.4 cm ³	18.59 in. ³	304.7 cm ³	Skempton's β-Value	100.0%
Weight		664.36 g		659.6 g	Initial Gradient	25
Water Content		16.9%		18.3%	Final Gradient	19.3
Wet Unit Weight	135.4 pcf	2.17 g/cm ³	135.1 pcf	2.16 g/cm ³	Permeant Liquid	Deaired Tapwater
Dry Unit Weight	115.8 pcf	1.85 g/cm ³	114.2 pcf	1.83 g/cm ³	Final Degree of Saturation:	1.04

Initial Permeometer Readings: Pipette 16.3 cm, Annulus 1.7 cm

Elapsed Time			Pipette Reading (cm)	Δ time cum. (sec.)	Temp. (°C)	ΔZ (cm)	C/ Δt	(1- $\Delta Z p^* T$)	Hydraulic Conductivity (k) (cm/sec)	Corrected k for 20°C (cm/sec)
Hours	Minutes	Sec.								
	1	0	16.2	60	20.0	0.1		0.990		
	2	0	16	120	20.0	0.3	3.83E-06	0.976	9.5E-08	9.5E-08
	4	30	15.7	270	20.0	0.6	1.70E-06	0.954	8.0E-08	8.0E-08
	6	30	15.5	390	20.0	0.8	1.18E-06	0.940	7.3E-08	7.3E-08
	10	0	15.2	600	20.0	1.1	7.66E-07	0.919	6.5E-08	6.5E-08
	22	0	14.6	1320	20.0	1.7	3.48E-07	0.876	4.6E-08	4.6E-08
	30	30	14.2	1830	20.0	2.1	2.51E-07	0.848	4.2E-08	4.2E-08
1	1	0	13.2	3660	20.0	3.1	1.26E-07	0.777	3.2E-08	3.2E-08
1	6	0	13	3960	20.0	3.3	1.16E-07	0.762	3.2E-08	3.2E-08
1	10	0	12.9	4200	20.0	3.4	1.09E-07	0.755	3.1E-08	3.1E-08



Hydraulic Conductivity (Corrected to 20°C) Reported as: 3.1E-08 cm/sec = 3.1E-10 m/s


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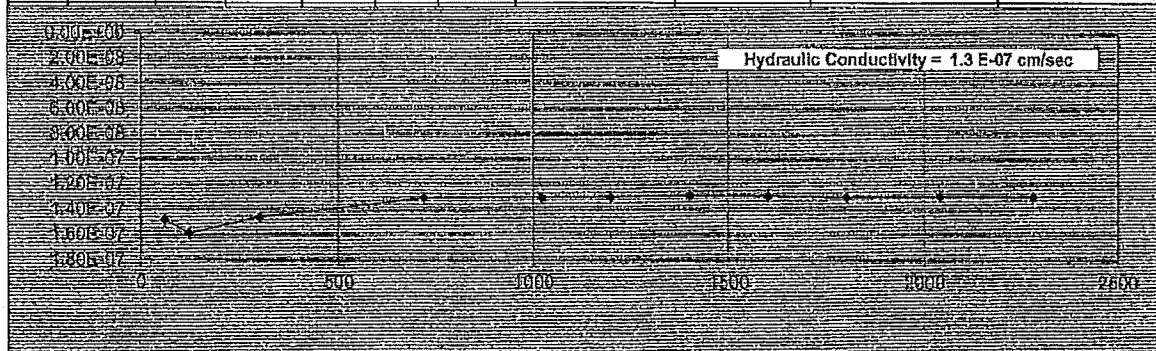
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Project Name:	KCB - West Lafayette	Client:	Atlas Excavating
Project Number:	06-11-1188	Client Address:	
Date Received:	11/15/2011	Sampled By:	John Frysinger
Date Tested:	11/29/2011	Tested By:	NF
Sample Number:	West Area of North Pond	Preparation:	Trimmed From Shelby Tube

Sample Data	Initial		Final		Test Conditions	
Height	2.732 in.	6.939 cm	2.695 in.	6.845 cm	Cell Pressure	40.2 psi
Diameter	2.815 in.	7.150 cm	2.840 in.	7.214 cm	Back Pressure	37.2 psi
Area	6.224 in. ²	40.15 cm ²	6.335 in. ²	40.87 cm ²	Effective Confining Pressure	3 psi
Volume	17.00 in. ³	278.6 cm ³	17.07 in. ³	279.8 cm ³	Skempton's β -Value	100.0%
Weight		626.29 g		621.3 g	Initial Gradient	25
Water Content		17.8%		17.3%	Final Gradient	15.6
Wet Unit Weight	140.3 pcf	2.25 g/cm ³	138.6 pcf	2.22 g/cm ³	Permeant Liquid	Deaired Tapwater
Dry Unit Weight	119.1 pcf	1.91 g/cm ³	118.2 pcf	1.89 g/cm ³	Final Degree of Saturation:	1.10

Initial Permeometer Readings: Pipette 15.0 cm, Annulus 1.7 cm

Elapsed Time			Pipette Reading (cm)	Δ time cum. (sec.)	Temp. (°C)	Δz (cm)	C/ Δt	(1- $\Delta z p^* T$)	Hydraulic Conductivity (k) (cm/sec)	Corrected k for 20°C (cm/sec)
Hours	Minutes	Sec.								
		20	14.9	20	20.0	0.1		0.995		
	1	0	14.7	60	20.0	0.3	6.92E-06	0.979	1.5E-07	1.5E-07
	2	0	14.4	120	20.0	0.6	3.46E-06	0.955	1.6E-07	1.6E-07
	5	0	13.7	300	20.0	1.3	1.38E-06	0.900	1.5E-07	1.5E-07
	12	0	12.4	720	20.0	2.6	5.78E-07	0.798	1.3E-07	1.3E-07
	17	0	11.5	1020	20.0	3.5	4.07E-07	0.728	1.3E-07	1.3E-07
	20	0	11	1200	20.0	4.0	3.46E-07	0.689	1.3E-07	1.3E-07
	23	20	10.5	1400	20.0	4.5	2.96E-07	0.649	1.3E-07	1.3E-07
	26	40	10	1600	20.0	5.0	2.59E-07	0.610	1.3E-07	1.3E-07
	30	0	9.5	1800	20.0	5.5	2.31E-07	0.571	1.3E-07	1.3E-07



Hydraulic Conductivity (Corrected to 20°C) Reported as: 1.3E-07 cm/sec = 1.3E-09 m/s


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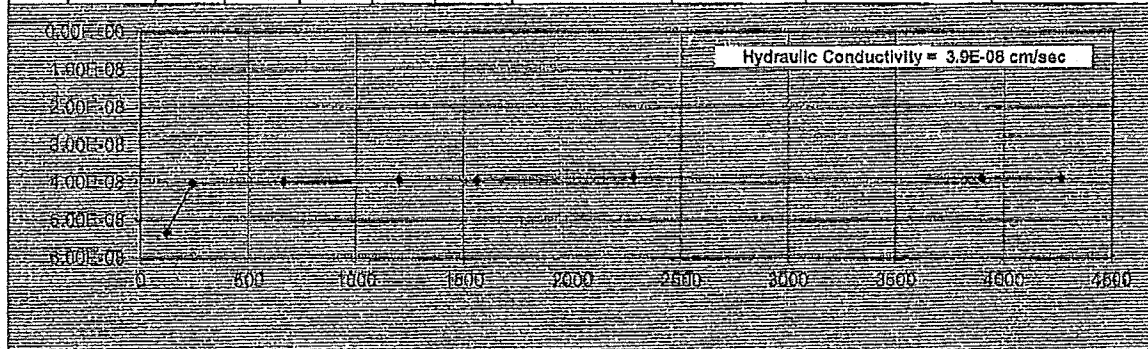
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Project Name: KCB - West Lafayette Client: Atlas Excavating
 Project Number: 06-11-1188 Client Address: _____
 Date Received: 11/15/2011 Sampled By: John Frysinger
 Date Tested: 11/29/2011 Tested By: NF
 Sample Number: NE Area of North Pond Preparation: Trimmed From Shelby Tube

Sample Data	Initial		Final		Test Conditions	
Height	2.788 in.	7.082 cm	2.785 in.	7.074 cm	Cell Pressure	43.1 psi
Diameter	2.850 in.	7.239 cm	2.856 in.	7.252 cm	Back Pressure	40.1 psi
Area	6.379 in. ²	41.16 cm ²	6.402 in. ²	41.30 cm ²	Effective Confining Pressure	3 psi
Volume	17.79 in. ³	291.5 cm ³	17.83 in. ³	292.2 cm ³	Skempton's β -Value	100.0%
Weight		669.16 g		668.7 g	Initial Gradient	25
Water Content		11.9%		11.9%	Final Gradient	17.2
Wet Unit Weight	143.3 pcf	2.30 g/cm ³	142.9 pcf	2.29 g/cm ³	Permeant Liquid	Deaired Tapwater
Dry Unit Weight	128.1 pcf	2.05 g/cm ³	127.7 pcf	2.05 g/cm ³	Final Degree of Saturation:	1.00

Initial Permeometer Readings: Pipette 15.3 cm, Annulus 1.7 cm

Elapsed Time			Pipette	Δ time	Temp.	ΔZp	C/ Δt	(1- ΔZp *T)	Hydraulic	Corrected k
Hours	Minutes	Sec.	Reading (cm)	(sec.)	(°C)	(cm)			Conductivity (k) (cm/sec)	for 20°C (cm/sec)
	0	0	15.3	0	20.0	0.0		1.000		
	2	0	15.1	120	20.0	0.2	3.44E-06	0.985	5.3E-08	5.3E-08
	4	0	15	240	20.0	0.3	1.72E-06	0.977	4.0E-08	4.0E-08
	11	0	14.5	660	20.0	0.8	6.26E-07	0.939	4.0E-08	4.0E-08
	20	0	13.9	1200	20.0	1.4	3.44E-07	0.893	3.9E-08	3.9E-08
	26	0	13.5	1560	20.0	1.8	2.66E-07	0.862	3.9E-08	3.9E-08
	38	0	12.8	2280	20.0	2.5	1.81E-07	0.809	3.8E-08	3.9E-08
1	5	0	11.3	3900	20.0	4.0	1.06E-07	0.694	3.9E-08	3.9E-08
1	11	0	11	4260	20.0	4.3	9.70E-08	0.671	3.9E-08	3.9E-08
1	16	0	10.8	4560	20.0	4.5	9.06E-08	0.656	3.8E-08	3.8E-08



Hydraulic Conductivity (Corrected to 20°C) Reported as: 3.9E-08 cm/sec = 3.9E-10 m/s




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Conductivity**

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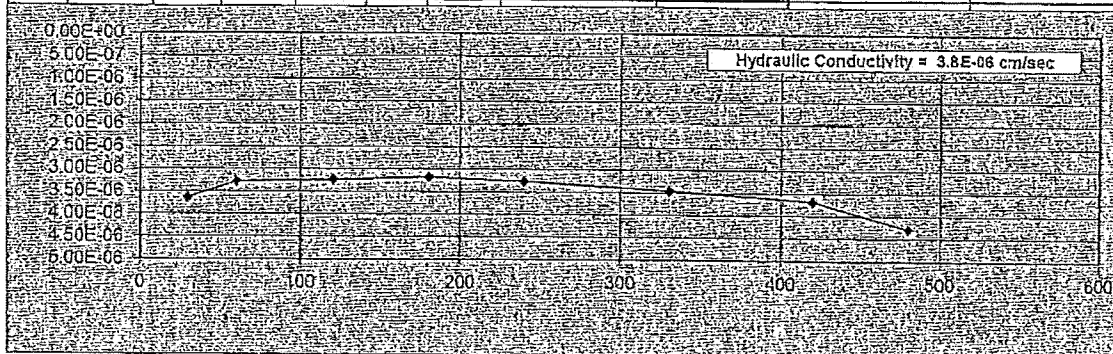
☒ Original ☐ Amended

Project Name:	KCB - West Lafayette	Client:	Atlas Excavating
Project Number:	06-11-1188	Client Address:	
Date Received:	10/26/2011	Sampled By:	John Frysinger
Date Tested:	10/28/2011	Tested By:	JP
Sample Number:	North Pond	Preparation:	Trimmed From Shelby Tube

Sample Data	Initial		Final		Test Conditions
Height	3.807 in.	9.670 cm	3.804 in.	9.662 cm	Cell Pressure
Diameter	2.830 in.	7.188 cm	2.850 in.	7.239 cm	Back Pressure
Area	6.290 in. ²	40.58 cm ²	6.379 in. ²	41.16 cm ²	Effective Confining Pressure
Volume	23.95 in. ³	392.4 cm ³	24.27 in. ³	397.7 cm ³	Skempton's β -Value
Weight		936.47 g		938.0 g	Initial Gradient
Water Content		9.0%		9.8%	Final Gradient
Wet Unit Weight	149.0 pcf	2.39 g/cm ³	147.2 pcf	2.36 g/cm ³	Permeant Liquid
Dry Unit Weight	136.7 pcf	2.19 g/cm ³	134.1 pcf	2.15 g/cm ³	Final Degree of Saturation
					Desired Tapwater
					1.03

Initial Permeometer Readings: Pipette 20.2 cm, Annulus 1.7 cm

Elapsed Time			Pipette	Δ time	Temp.	ΔZ	$C/\Delta t$	$(1-\Delta Z p^* T)$	Hydraulic	Corrected k
Hours	Minutes	Sec.	Reading (cm)	cum. (sec.)	(°C)	(cm)			Conductivity (k) (cm/sec)	for 20°C (cm/sec)
		15	18.3	15	23.0	1.9		0.894		
		30	16.9	30	23.0	3.3	1.91E-05	0.815	3.9E-06	3.6E-06
			14.7	60	23.0	5.5	9.54E-06	0.691	3.5E-06	3.3E-06
1			11	120	23.0	9.2	4.77E-06	0.483	3.5E-06	3.2E-06
2			8.5	180	23.0	11.7	3.18E-06	0.342	3.4E-06	3.2E-06
3			6.5	240	23.0	13.7	2.38E-06	0.229	3.5E-06	3.3E-06
4			4.5	330	23.0	15.7	1.73E-06	0.117	3.7E-06	3.5E-06
5	30		3.4	420	23.0	16.8	1.36E-06	0.055	4.0E-06	3.7E-06
7			2.8	480	23.0	17.4	1.19E-06	0.021	4.6E-06	4.3E-06
8										



Hydraulic Conductivity (Corrected to 20°C) Reported as: 3.8E-06 cm/sec = 3.8E-08 m/s

Josh Nixon

WDDTPOSTS (CO#3)

From: Josh Nixon
Sent: Thursday, February 23, 2012 2:28 PM
To: Steve Rich
Cc: David Buck; Michael Susong; Brian Slake; Brent White
Subject: FW: FW: Proposal Request - KCB Water Quality Phase 1
Attachments: KCB PR#2 R1.pdf

Steve,

As discussed in our last meeting with the City, you are authorized to proceed with the installation of the 6" x 6" post option (Option #2) outlined in the attached. Please remember to contact Schneider and the City when the locations are marked/painted in the field so that they can be verified prior to installation.

We will include this in Change Order #3, when compiled.

Thank you,
Josh



Joshua A. Nixon, P.E. | Engineering Department Manager
The Schneider Corporation | 1330 Win Hentschel Blvd., Suite 100
West Lafayette, Indiana 47906
(o) 765.237.5250 | (c) 765.479.3865
jnixon@schneidercorp.com | schneidercorp.com

Providing creative solutions for land, infrastructure and facilities projects that help increase revenue, lower costs and mitigate risk.

From: Steve Rich [mailto:stever@atlasexcavating.com]
Sent: Wednesday, January 11, 2012 8:08 AM
To: Josh Nixon
Cc: Elizabeth Golden
Subject: Re: FW: Proposal Request - KCB Water Quality Phase 1

It may help if I attach the file.

Steve Rich
Atlas Excavating, Inc.
4740 Swisher Rd
West Lafayette, Indiana
Ph: 765-429-4800

On Wed, Jan 11, 2012 at 8:07 AM, Steve Rich <stever@atlasexcavating.com> wrote:
Josh,

Attached is pricing for PR#2R1. Please let me know if you have any questions.

Thanks,

Steve Rich
Atlas Excavating, Inc.

4740 Swisher Rd
West Lafayette, Indiana
Ph: 765-429-4800

On Fri, Jan 6, 2012 at 2:10 PM, Josh Nixon <jnixon@schneidercorp.com> wrote:

Hi Steve,

Wanted to check in to see if you'd had a chance to look over this revised PR.

If there are any questions, please let me know.

Thanks,

Josh

Joshua A. Nixon, P.E. | Engineering Department Manager

The Schneider Corporation | West Lafayette, IN

(o) 765.237.5250 | (c) 765.479.3865 | jnixon@schneidercorp.com

From: Josh Nixon
Sent: Thursday, December 29, 2011 9:38 AM
To: 'Steve Rich'
Cc: Michael Susong; David Buck; Brent White; Shawn H. Strange; Elizabeth Golden
Subject: RE: Proposal Request - KCB Water Quality Phase 1

Steve,

We met with the City Engineer's Office to review the pricing for each option.

Attached is a revised Proposal Request (#2R1) for two more cost-effective options that the City would like to pursue. Please let me know if you have any questions.

Thank you,

Josh

Joshua A. Nixon, P.E. | Engineering Department Manager

The Schneider Corporation | West Lafayette, IN

(o) [765.237.5250](tel:765.237.5250) | (o) [765.479.3865](tel:765.479.3865) | jnixon@schneidercorp.com

From: Steve Rich [<mailto:stever@atlasexcavating.com>]

Sent: Tuesday, December 13, 2011 2:13 PM

To: Josh Nixon

Cc: Michael Susong; David Buck; Brent White; Shawn H. Strange; Keith Stuerenberg; Elizabeth Golden

Subject: Re: Proposal Request - KCB Water Quality Phase 1

Josh,

Attached is the proposal you requested. I also attached the cost breakdowns for your review. Please note that the rub rail has 2,800 board feet of material in it. That accounts for \$8,400 of cost just in lumber. Let me know if you have any questions.

Thanks,

Steve Rich
Atlas Excavating, Inc.
4740 Swisher Rd
West Lafayette, Indiana
Ph: [765-429-4800](tel:765-429-4800)

On Mon, Dec 12, 2011 at 9:48 AM, Josh Nixon <jnixon@schneidercorp.com> wrote:

Steve,

Please note that the City would like this pricing back by **Wednesday, December 14, 2011**.

In this way, they are hopeful that additional work can be included on the upcoming Change Order #3.

Josh

Joshua A. Nixon, P.E. | Engineering Department Manager

The Schneider Corporation | West Lafayette, IN

(o) [765.237.5250](tel:765.237.5250) | (c) [765.479.3865](tel:765.479.3865) | jnixon@schneidercorp.com

From: Josh Nixon

Sent: Monday, December 12, 2011 9:38 AM

To: 'Steve Rich'

Cc: 'Michael Susong'; David Buck; Brent White; Shawn H. Strange; Keith Stuerenberg

Subject: Proposal Request - KCB Water Quality Phase 1

Importance: High

Steve,

Attached is a PR for wooden post barrier options. Please call with any questions.

As the PR is written, we'd like pricing for the materials and installation for each of the (3) options as depicted as soon as possible. Each option would require the appropriate utility location verifications.

Thank you,

Josh

Joshua A. Nixon, P.E. | Engineering Department Manager

The Schneider Corporation | 1330 Win Hentschel Blvd., Suite 100, West Lafayette, IN 47906

(o) [765.237.5250](tel:765.237.5250) | (c) [765.479.3865](tel:765.479.3865)

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Atlas Excavating, Inc.

4740 SWISHER RD., BUILDING A, WEST LAFAYETTE, IN 47906

PHONE (765) 429-4800
FAX PROJ. MGMT. (765) 429-8034
FAX ESTIMATING (765) 429-6464
FAX FRONT DESK (765) 429-5400

January 11, 2012

Joshua Nixon
The Schneider Corporation
1330 Win Hentschel Boulevard
Suite 100
West Lafayette, Indiana 47906
Fax: 765-448-6665

Reference: KCB Water Quality Improvements -Phase 1

Subject: Proposal Request #2 R1

Mr. Nixon:

As requested, Atlas is providing pricing for additional work related to proposal request #2 Revision 1. This work includes installing treated 8x8 posts along Northwestern Avenue east of the North Pond. Pricing for this work is as follows:

Option #1-

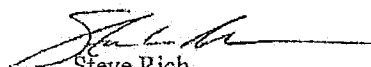
Install approximately (71) 8x8 treated timbers at the required 5' maximum spacing. Posts will be set minimum of 2.5' in the ground and have a minimum of 3' above ground. Posts will set in an augured hole and backfilled with native fill. Tops of posts will be tapered at 45 degree angle as shown in the detail provided. Total price for 350 LF is \$8,698 or \$24.85/LF.

Option #2-

Install approximately (71) 6x6 treated posts at the required 5' max spacing. Posts will be set minimum of 2.5' in the ground and have a minimum of 3' above ground. Posts will set in an augured hole and backfilled with native fill. Tops of posts will be tapered at 45 degree angle as shown in the detail provided. Total price for 350 LF is \$5,277 or \$15.08/LF.

Please let me know if you have any questions regarding this work. Pricing is based on ground conditions being suitable for excavation with auger. Additional costs may be submitted if work is to be performed when ground is frozen. Atlas requests that 3 work days be added to the contract completion dates for this work.

Respectfully,


Steve Rich
Project Manager
Atlas Excavating, Inc.

Atlas Project No. / Name:

K11-10; KGB WATER QUALITY IMPROVEMENTS - PHASE 1

Atlas Change Order No:

Date Work Completed:

Description of Work:

Install Wood Post Barriers as shown on PR-1 R1 8x8 Option

LABOR*

Trade	Qty Ea	Straight Time	Hours	Time & One Half	Hours	Double Time	Hours	Extension	Rates good through April 1, 2011 - April 1, 2012
Labor (274)	2	\$ 39.48	16	\$ 50.79		\$ 62.10		\$ 1,283.36	
Operator (103)	1	\$ 51.03	16	\$ 66.88		\$ 80.73		\$ 816.48	
Foreman		\$ 66.53		\$ 84.39		\$ 102.25		\$ -	

EQUIPMENT - (Operator not included)

Description	Qty Ea	Hrly Rate	Hours	Extension
Bobcat 337 Mini Excavator		\$35.35		\$0.00
Hitachi 123 Excavator		\$169.10		\$0.00
Hoe Pack for Compaction		\$26.12		\$0.00
JD 135C		\$89.15		\$0.00
JD 240 DLC		\$148.40		\$0.00
Hitachi EX-200 Excavator		\$115.15		\$0.00
Hitachi EX-300 Excavator		\$173.05		\$0.00
Hitachi ZX-330-LC Excavator		\$168.95		\$0.00
Hitachi ZX-450-LC Excavator		\$272.25		\$0.00
JD 850D		\$451.85		\$0.00
JD 75 D Excavator		\$68.39		\$0.00
JD 75 C Excavator		\$70.87		\$0.00
Case 580L Backhoe		\$40.40		\$0.00
JD 544J Loader		\$68.40		\$0.00
JD 624J Loader		\$78.93		\$0.00
Volvo L70E Loader		\$60.89		\$0.00
Volvo L90E Loader		\$69.95		\$0.00
Cat 246 Skid Steer	1	\$42.77	8	\$342.16
Cat D4C LGP Dozer		\$70.75		\$0.00
Cat D4H Dozer		\$77.55		\$0.00
Cat D4C Dozer		\$66.05		\$0.00
Cat D5M Dozer		\$83.20		\$0.00
Cat D5C Dozer		\$71.90		\$0.00
Cat D6H LGP Dozer		\$126.45		\$0.00
Broce Sweeper		\$29.90		\$0.00
Sweepmaster Sweeper		\$31.45		\$0.00
Tampo Roller (Double Drum)		\$68.65		\$0.00
SD-100 Roller		\$71.53		\$0.00
Directional Drill- 1610, Vermeer		\$67.56		\$0.00
Directional Drill- 1806,1607, Verm. Case		\$102.20		\$0.00
Directional Drill- 1608, Amer. Auger		\$194.05		\$0.00
Pipe van		\$25.00		\$0.00
Pick up Truck		\$23.91		\$0.00
Lowboy		\$180.00		\$0.00

Subcontractors

Description	Qty Ea	Hrly Rate	Hours	Extension
Triaxle Trucking		\$ 77.00		\$ -
				\$ -
				\$ -
				\$ -

MATERIALS

Materials Used	Qty Ea	Rate	Extension
Treated 8x8 posts	71	\$ 71.25	\$ 5,058.75
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -

Small Tools	Hours/Days Used	Daily Rate	Hourly Rate	Extension
14" Cut-off Saw			\$ 4.10	\$ -
2" Electric Pump			\$ 3.00	\$ -
2" Trash Pump			\$ 4.55	\$ -
3" Electric Pump			\$ 4.45	\$ -
3" Trash pump			\$ 4.95	\$ -
5.8 kw Generator			\$ 4.50	\$ -
Air Compressor			\$ 12.65	\$ -
Chain Saw			\$ 3.30	\$ -
Te 56 Hammer Drill			\$ 3.60	\$ -
20-60 kw Generator		\$ 165.00		\$ -
Manhole Box		\$ 137.00		\$ -
Pipe Laser		\$ 75.00		\$ -
Trench Box		\$ 189.00		\$ -
Manhole Fan		\$ 24.00		\$ -
Core Drill		\$ 78.00		\$ -
Rotating Laser		\$ 88.00		\$ -
Stone Box		\$ 17.50		\$ -
				\$ -

Billing Summary			
Labor		\$	2,079.84
Equipment & Small Tools		\$	342.16
Material		\$	5,058.75
SUBTOTAL		\$	7,480.75
Markup	15%	\$	1,122.11
SUBTOTAL		\$	8,602.86
Subcontractors		\$	-
SUBTOTAL		\$	-
Markup	5%	\$	-
SUBTOTAL		\$	-
Bond	1.1%	\$	94.63
TOTAL		\$	8,697.49
Unit Price			

*Any Equipment, subcontractors, small tools, etc. not listed above will be added at time of submission

Atlas Project No. / Name:

K11-10: KCB WATER QUALITY IMPROVEMENTS - PHASE 1

Atlas Change Order No:

Date Work Completed:

Description of Work:

Install Wood Post Barriers as shown on PR-1(R1) 8x6 Option

LABOR*

Trade	Qty Ea	Straight Time	Hours	Time & One Half	Hours	Double Time	Hours	Extension	Rates good through April 1, 2011 - April 1, 2012
Labor (274)	2	\$ 39.48	16	\$ 60.79		\$ 62.10		\$ 1,263.36	
Operator (103)	1	\$ 61.03	16	\$ 65.86		\$ 80.73		\$ 818.48	
Foreman		\$ 66.53		\$ 64.39		\$ 102.25		\$ -	

EQUIPMENT - (Operator not included)

Description	Qty Ea	Hrly Rate	Hours	Extension
Bobcat 337 Mini Excavator		\$35.35		\$0.00
Hilachi 123 Excavator		\$159.10		\$0.00
Hoe Pack for Compaction		\$26.12		\$0.00
JD 135C		\$89.15		\$0.00
JD 240 D/G		\$148.40		\$0.00
Hilachi EX-200 Excavator		\$115.15		\$0.00
Hilachi EX-300 Excavator		\$173.05		\$0.00
Hilachi ZX-300-LC Excavator		\$168.95		\$0.00
Hilachi ZX-450-LC Excavator		\$272.25		\$0.00
JD 850C		\$451.85		\$0.00
JD 75 D Excavator		\$68.39		\$0.00
JD 75 C Excavator		\$70.87		\$0.00
Casa 580L Backhoe		\$40.40		\$0.00
JD 544J Loader		\$68.40		\$0.00
JD 624J Loader		\$78.93		\$0.00
Volvo L70E Loader		\$60.89		\$0.00
Volvo L60E Loader		\$69.95		\$0.00
Cat 246 Skid Steer	1	\$42.77	16	\$684.32
Cat D4G L/G Dozer		\$70.75		\$0.00
Cat D4H Dozer		\$77.55		\$0.00
Cat D4G Dozer		\$66.05		\$0.00
Cat D6M Dozer		\$83.20		\$0.00
Cat D5G Dozer		\$71.30		\$0.00
Cat D6H L/G Dozer		\$126.45		\$0.00
Broco Sweeper		\$29.30		\$0.00
Sweepmaster Sweeper		\$31.45		\$0.00
Tampo Roller (Double Drum)		\$68.85		\$0.00
SD-100 Roller		\$71.53		\$0.00
Directional Drill- 1610, Vermeer		\$67.58		\$0.00
Directional Drill- 1606,1607, Vermeer		\$102.20		\$0.00
Directional Drill- 1608, Amer. Auger		\$194.05		\$0.00
Pipe vau		\$26.00		\$0.00
Pickup Truck		\$23.91		\$0.00
Lowboy		\$180.00		\$0.00

Subcontractors

Description	Qty Ea	Hrly Rate	Hours	Extension
Triaxle Trucking		\$ 77.00		\$ -
				\$ -
				\$ -
				\$ -

MATERIALS

Materials Used	Qty Ea	Rate	Extension
Treated 4x4 posts	71	\$ 26.00	\$ 1,776.00
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -

Small Tools	Hours/Days Used	Daily Rate	Hourly Rate	Extension
14" Cut-off Saw			\$ 4.10	\$ -
2" Electric Pump			\$ 3.30	\$ -
2" Trash Pump			\$ 4.55	\$ -
3" Electric Pump			\$ 4.45	\$ -
3" Trash pump			\$ 4.95	\$ -
5.5 kw Generator			\$ 4.50	\$ -
Air Compressor			\$ 12.65	\$ -
Chain Saw			\$ 3.30	\$ -
Tv 55 Hammer Drill			\$ 3.60	\$ -
20-60 kw Generator		\$ 165.00		\$ -
Manhole Box		\$ 137.00		\$ -
Pipe Laser		\$ 75.00		\$ -
Trench Box		\$ 169.00		\$ -
Manhole Fan		\$ 24.00		\$ -
Core D/B		\$ 78.00		\$ -
Relating Laser		\$ 86.00		\$ -
Stone Box		\$ 17.80		\$ -

Billing Summary

Labor	\$	2,079.84
Equipment & Small Tools	\$	684.32
Material	\$	1,776.00
SUBTOTAL	\$	4,539.16
Markup	15%	\$ 680.87
SUBTOTAL	\$	5,220.03
Subcontractors	\$	-
SUBTOTAL	\$	-
Markup	5%	-
SUBTOTAL	\$	-
Bond	1.1%	\$ 57.42
TOTAL	\$	5,277.45
Unit Price		

*Any Equipment, subcontractors, small tools, etc. not listed above will be added at time of submission

Bond
0%
1.10%



The Schneider Corporation

1330 Win Hentschel Boulevard, Suite 100 West Lafayette, IN 47906-4156 Phone: 765.448.6661 Fax: 765.448.6665

PROPOSAL REQUEST

PROJECT: KCB Water Quality Improvements – Phase I PROPOSAL REQUEST NO: 002 Rev 1

SCHNEIDER PROJECT NO.: 7945.001

DATE OF ISSUANCE: 12/29/11

The following is a request for proposal to provide changes in the Work as described below.

THIS IS NOT A CHANGE ORDER, A CONSTRUCTION CHANGE DIRECTIVE OR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED IN THE PROPOSED MODIFICATIONS.

Description:

Install wood post barriers as shown on attached exhibit PR-2-1 R1. Contractor shall provide a pricing to include all material and labor necessary to install the wood post barriers as detailed on exhibit PR2-2 R1, option 1 to be using 8" x 8" posts and option 2 to be using 6" x 6" posts.

Attachments:

None

REQUESTED BY: The Schneider Corporation

(Signature)

Joshua A. Nixon, P.E.
(Printed name and title)

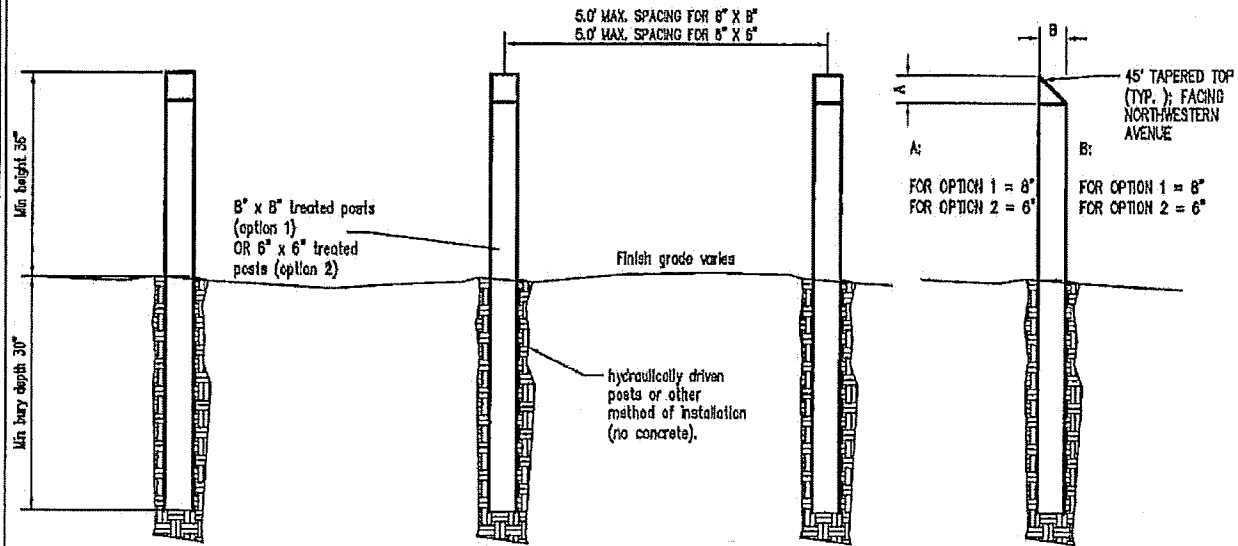
Indianapolis, Indiana
Historic Fort Harrison
8901 Otis Avenue
Indianapolis, IN 46216
Toll-Free: 866.973.7100

West Lafayette, Indiana
1330 Win Hentschel Boulevard
Suite 100
West Lafayette, IN 47906

Ankeny, Iowa
1705 N. Ankeny Blvd
Ankeny, IA 50023

Charlotte, North Carolina
8001 Arrowridge Boulevard
Charlotte, NC 28273

www.schneidercorp.com



WOOD POST DETAIL

2011, THE SCHNEIDER CORPORATION



THE SCHNEIDER CORPORATION
1330 WIN HENTSCHEL BLVD, SUITE 100
WEST LAFAYETTE, IN 47906-4166
TELEPHONE: 785.448.8881
FAX: 785.448.8885
www.schneidercorp.com

PR2-2 R1

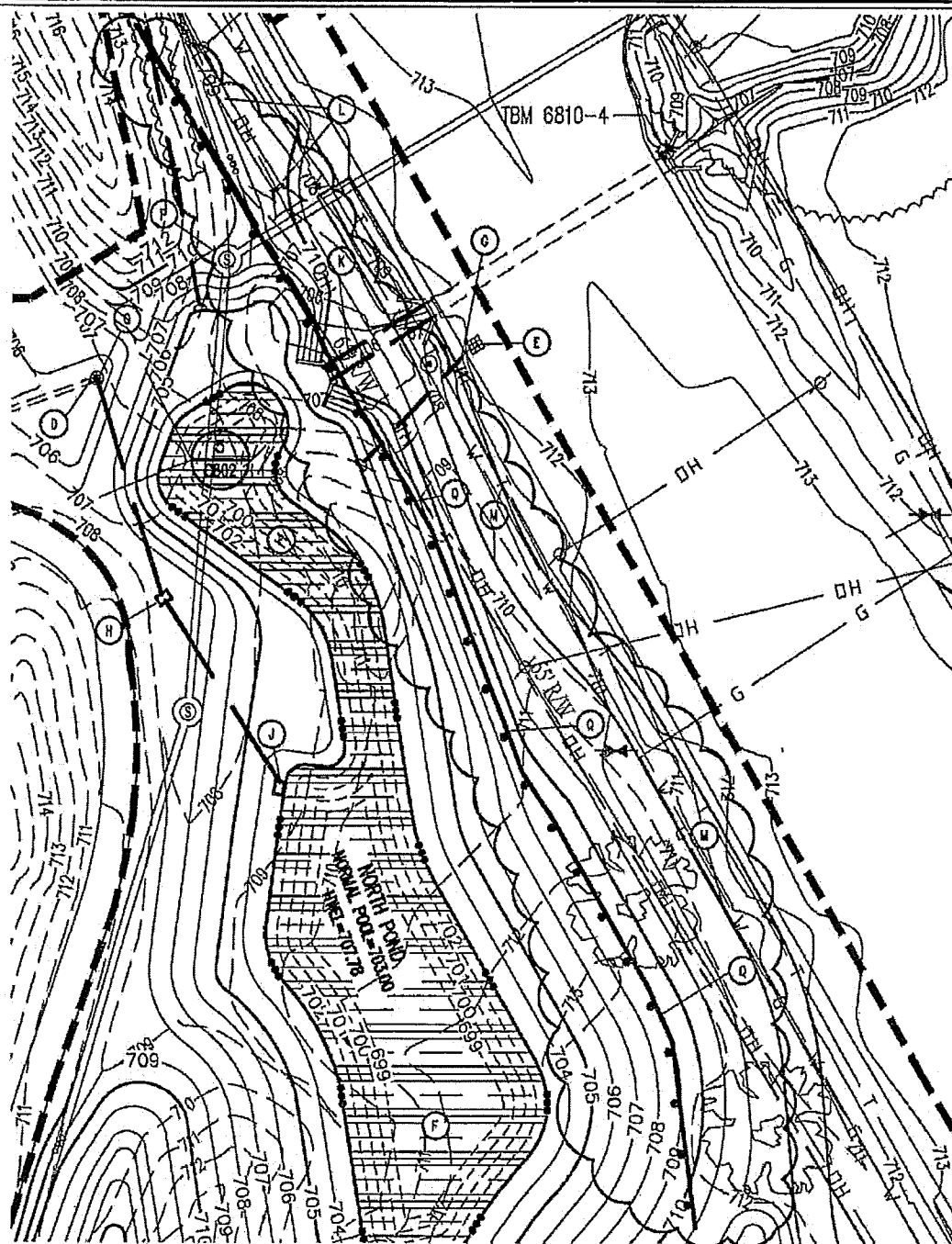
DATE:
12/29/2011

PROJECT NO.:
7945.001

DRAWN BY:
BAW

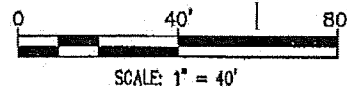
CHECKED BY:
JAN

DRAWING FILES:
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Q WOODEN POST
(REFER TO PR2-2 R1
FOR WOODEN POST DETAILS)

SUPPLEMENTAL TO SHEET C101
2011, THE SCHNEIDER CORPORATION



THE SCHNEIDER CORPORATION
1330 WIN HENTSCHEL BLVD, SUITE 100
WEST LAFAYETTE, IN 47906-4156
TELEPHONE: 765.448.6661
FAX: 765.448.6665
www.schneidercorp.com

PR2-1 R1

DATE: 12/29/2011	PROJECT NO.: 7945.001
DRAWN BY: BAW	CHECKED BY: JAN

DRAWING FILES:
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